said troughs decrease in depth along said ridge from said bore to said chevron outlet to blend with said wall outer surface.

4. A wall according to claim **3** wherein said troughs diverge from said ridge between said bore and said wall outer surface.

5. A wall according to claim **4** wherein said ridge is triangular laterally between said wing troughs, and straight longitudinally between said inlet bore and said outer surface.

6. A wall according to claim **4** wherein said ridge is flat laterally between said wing troughs.

7. A wall according to claim **6** wherein said flat ridge is triangular between said inlet bore and outer surface.

8. A wall according to claim **4** wherein said ridge is convex laterally between said wing troughs.

9. A wall according to claim **8** wherein said convex ridge diverges laterally between said inlet bore and said wall outer surface.

10. A wall according to claim **9** wherein said ridge blends flush with said outer surface along a laterally arcuate trailing edge.

11. A gas turbine engine wall comprising opposite inner and outer surfaces having a plurality of film cooling holes inclined longitudinally therethrough from an inlet at said inner surface through a pair of triangular troughs increasing in lateral width and depth along a common ridge being inclined with decreasing depth to a chevron outlet at said outer surface.

12. A wall according to claim **11** wherein each of said chevron holes includes an inlet bore commencing at said inlet in said inner surface and terminating at said troughs, and said troughs terminate at said outer surface aft of said ridge in a V-shaped trailing edge.

13. A gas turbine engine wall comprising:

opposite inner and outer surfaces having a row of compound chevron film cooling holes extending longitudinally therethrough and diverging both longitudinally and laterally between an inlet at said inner surface and a chevron outlet at said outer surface;

each of said chevron holes includes an inlet bore commencing at said inlet in said inner surface and terminating in a pair of wing troughs having a common ridge therebetween;

said inlet bore is inclined between said inner and outer surfaces; and

said wing troughs diverge longitudinally between said bore and outer surface, and laterally along said ridge.

14. A wall according to claim **13** wherein:

said bore terminates below said outer surface; and

said troughs decrease in depth along said ridge from said bore to said chevron outlet to blend with said wall outer surface.

15. A wall according to claim **14** wherein said troughs diverge from said ridge between said bore and said wall outer surface.

16. A wall according to claim **15** wherein said ridge terminates at said outer surface forward of said troughs terminating at said outer surface.

17. A wall according to claim **15** wherein said ridge is straight longitudinally between said bore and outer surface.

18. A wall according to claim **15** wherein said ridge is triangular laterally between said wing troughs.

19. A wall according to claim **15** wherein said ridge is flat laterally between said wing troughs.

20. A wall according to claim **19** wherein said flat ridge is triangular between said inlet bore and outer surface.

21. A wall according to claim **15** wherein said ridge is convex laterally between said wing troughs.

22. A wall according to claim **21** wherein said convex ridge diverges laterally between said inlet bore and said wall outer surface.

23. A wall according to claim **22** wherein said ridge blends flush with said outer surface along a laterally arcuate trailing edge.

24. A wall according to claim **15** wherein said chevron outlet diverges longitudinally outwardly from said inlet bore.

25. A wall according to claim **24** wherein said chevron outlet diverges laterally coaxially with said inlet bore.

26. A wall according to claim **13** wherein said ridge is inclined aft from said inlet bore, and said troughs are inclined aft from said ridge.

27. A wall according to claim **26** wherein said inlet bores are cylindrical.

28. A wall according to claim **27** wherein said chevron outlets increase in lateral width longitudinally along said ridge as said ridge decreases in depth to maximize diffusion with minimal flow separation of cooling air channeled through said chevron holes.

29. A wall according to claim **26** wherein said wing troughs are symmetrical along said ridges.

30. A wall according to claim **26** wherein said row of chevron holes is colinear.

31. A wall according to claim **26** further comprising a pair of rows of said chevron holes staggered in span along said wall, with said chevron outlets thereof overlapping each other for promoting a laterally continuous film of cooling air therefrom.

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